

Asteroid Occultation Report Observation was: Positive Takeshi Nemoto Email: nemoto00@juno.ocn.ne.jp

[Date] 2024. 1.15 [Approx hour] 19.8
[Star] UCAC4 484-050021
[Asteroid] (46)Hestia

[Observer] 1: Takeshi Nemoto 2:
[Location] Sagamihara,Kanagawa, JPN
[Longitude] 139o20'14.6" E
[Latitude] 35o32'17.2" N
[Altitude] 45m
[Datum] WGS84

[Event time] D: 19h47m02.776s +/- 0.110s (UTC)
S/N=4.71
R: 19h47m16.617s +/- 0.124s (UTC)
S/N=4.34

[Recorded] From 19h45m52s
To 19h48m51s

[Mag. drop] D: Measured: 0.41 ; Predicted: 0.5
R: Measured: 0.49 ; Predicted: 0.5

[Telescope] Aperture: 20cm Type: Newtonian F=4.0
[Camera] Analog or Digital video , Model=
ASI290MM
[Exposure] Set: 490.0msec, Measure: 490msec
[Setting] Area: 1920x540 ; Binning=2
Gain: 400 ; Brightness: 70 ; High Speed
Mode: Off
[Time keep] GPS ; Model: GT902MGG
[Evidence] GPS Time Log : Recorded ; Screen shot:
None

[Condition] Stability: Slight flickering Transparency:
Clear
[Remarks]

[Additional comment]

<Observations>

<Event>

<Date>2024|1|15|19.8</Date>

<Details>

<Star>UCAC4|484-050021|0||0.000000000|
0.000000000|0.00|0.00|0.00|0|0.00000000|0.00000000|
25.00|25.00|25.00|0</Star>

<Asteroid>46|Hestia|0.00000000|0.00000000|
0.00000000|0.00000000|0.00000000|0.00000000|1.00000|
0.00000|0.0|1.0|20.00</Asteroid>

</Details>

<Observations>

<Observer>

<ID>1|Takeshi Nemoto||0|Sagamihara,Kanagawa|
JPN|+139 20 14.6|+35 32 17.2|45| |20|2|a|a</ID>

<Conditions>2|1|4.53||</Conditions>

<D>19 47 2.776|D|0.110|| </D>

<R>19 47 16.617|R|0.124|| </R>

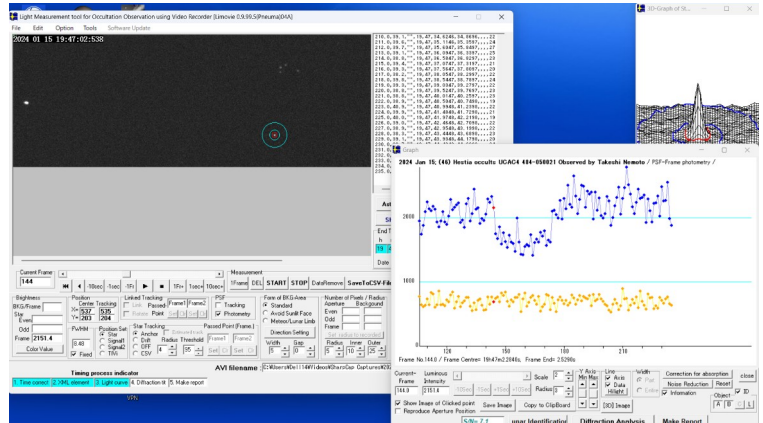
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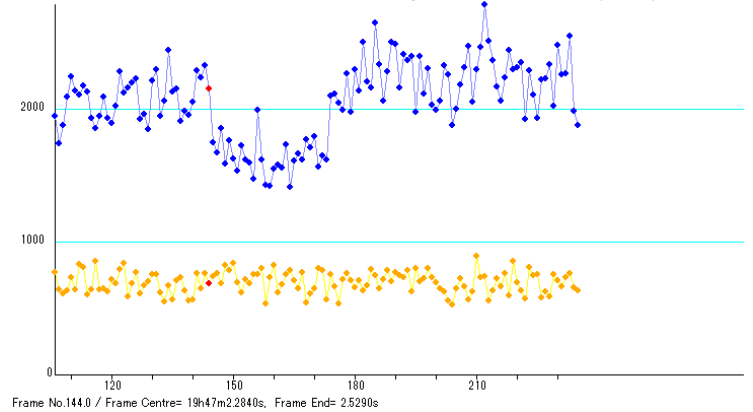
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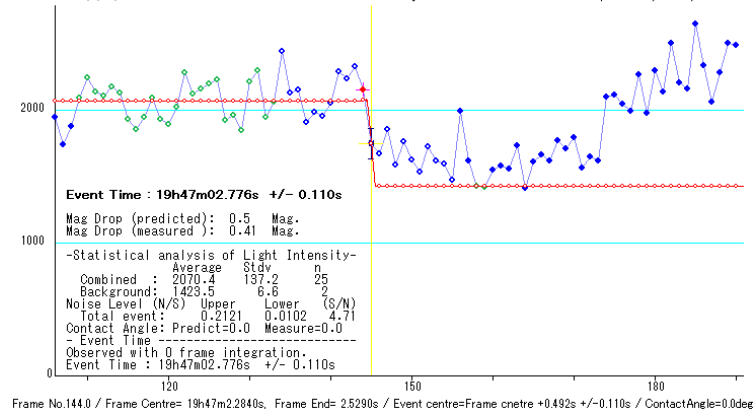
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2024 Jan 15; (46) Hestia occults UCAC4 484-050021 Observed by Takeshi Nemoto / PSF-Frame photometry /



2024 Jan 15; (46) Hestia occults UCAC4 484-050021 Observed by Takeshi Nemoto / PSF-Frame photometry / Object: Distant



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